M. A. R. 57 (Rule 116)
Measurement Book

No. B 357848

Serial No. Part-final Bill

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency ..... Sri. Malaraj T. R.T. Nagar Dhone-32.....

Date of commencement of work ..... D.D.L: 08-12-2020.....

Item 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work: improvements and Asphalting to Roads at Doddaballapura Krishna Temple Sannidhi area in ward No. 9 Municipality.						
	Est cost Rs: 30.00 lakhs.						
	Sch code No: 009-ab-000086						
	Head of A/c: P 3456.						
	Work order No: BDMP/EE/NTP/WO/117/20-21 Dt: 05/09/20.						
	Excavation by manual means in ordinary soil involving an average throw up to 0.3mtr. and an average lift up to 0.3mtr. Excavated surface						

Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	levelled and sides neatly arrised etc.—						
	Quantity vide ℄ MB P.No:					= 369.5sqm @ 232/sqm = 85724.00/-	
item 2)	Removing and Refixing stone slabs of drains and pointing. in cm (1:3) etc.—						
	Quantity vide ℄ MB P.No:					1869.1 sqm @ 106/sqm = 198136.00/-	
item 3)	providing granite slabs of selected quality roughly arrised having a size of 7.5cm thick etc—					= 460.55sqm	
	Quantity vide ℄ MB					@ 908/sq = 3[illegible]598.00	

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No. B 357849

Serial No .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	providing and constructing 200cl bearing wall with solid concrete blocks of size 400x150x200mm having block density not less than 1800 kg/m3 in quantity vide ℄ MB P.No			=	268.80 sqm @ 934/sqm =		251059.00/-
	providing and laying in position plain cement concrete of mix 1:8:4 with cement @240 Kgs. with 40mm and down size graded granite metal ope.- in quantity vide ℄ MB P.No				9.97 cum @ 5347/cum =		53373.00/-

Reference to last Measurement 8

cum
cum = 85724.00/-

= 198136.00/-

arrived
5 sqm
sqm = 385988.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 6)	Providing granite stabs of selected quality roughly dressed having a size of 10cms thick and fixed in cement mortar (1:6) etc - quantity vide E MB P no =			189 sqm		@ 993/sqm =	174447.00/-
Item 9)	Providing chamfering edges to stone slabs 9.5cms wide as per specification etc - quantity vide E MB P no =			1050 m		@ 58/m =	60900.00/-
Item 8)	Scarifying bituminous course 50mm thick 775 mm twice along with prim'n complete quantity vide E MB P no:			= 6818 sqm		@ 9.00/sqm =	61986.00/-

Contents 7	Reference to last Measurement 8
...ly areas as/ ...with C.D etc -	
...m =	174447.00/-
...steel as per	
=	60900.00/-
...along with prim'a coat	
...am =	6198.00/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357850

Serial No .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Item 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	...ing above 18 SL.			=	307.59 sqm @ 90.97/sqm =		27981.00/-
	providing laying, spreading and compacting crushed stone aggregate (granite/trap/basalt) to wet mix Macadam etc —						
	...ing above emb	P.no =			170.99 cum @ 1910/cum =		326954.00/-
	...ing above 18 SL	P.no	=		98.87 cum @ 1908.30/cum =		188683.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item no 10)	providing and applying prime coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM including cleaning etc.						
	Quantity vide EMB P.no:				681.16 sqm		
					@ 87/sqm:	18391.00	
	Quantity above WBM P.no:				307.59 sqm		
					@ 28.00/sqm:	8705.00	
Item no 11)	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix etc.						
	Quantity vide EMB P.no:			15.38 sqm		84.00 sqm	
	Quantity above WBM P.no		=	15.38 sqm		@ 5101/sqm:	179481.00
					@ 4985.01/sqm:		76670.00

	Contents	Reference to last Measurement
	7	8
	emulsion & prepared cleaning etc —	
	sqm)	
	8.91/sqm =	18891.00/—
	sqm)	
	96.30/sqm =	8705.00/—
	prepared surface with etc —	
	34.06 sqm	
	@ 5.10/sqm =	17446.00
	@ 5.20/sqm =	76670.00/—

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Measurement Book

No. B 357851

Serial No .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	cleaning the existing black topped surface with brooms, soft brushes and blowing away with old gunny bags and compressed air blower etc — Quantity since last MB P.No:			988.75 sqm @ 5.00/sqm		= 4944.00/—	
15)	painting one application tack coat using 80/100 grade bitumen (CRMB) on the prepared black topped surface at 0.5kg per 10sqm etc — Quantity since last MB P.No :			988.75 sqm @ 12.00/sqm		= 11865.00/—	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 14)	providing and laying bituminous concrete ~~roadway~~ with ~~hot~~ mix plant etc						
	Quantity vide E MB P.No:		39.55 cum				
					@	2495/cum	= 98656.00/-
Item 15)	Road marking with Hot Applied thermoplastic compound with						
	Reflectorising Glass Beads on bituminous Surface etc.						
	Quantity vide E MB P.No:			350 sqm			
					@	433/sqm	= 15155.00/-
E1	construction of granular sub-base Granular as sub-base						
	and drainage layer by providing coarse gravel etc.						

(Contractor)

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357852

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
[illegible] Wide CMS P.No =		148.3/cum			=	98101.00/-
		@ 1908.84/cum				95,59,099.00/-
		Total Amt Rs =				3,06,976.00/-
		GST @ 18% Rs =				
		Grand Total Amt Rs:				99,56,575.00/-

Certificate:
Certified that the above work done strictly as per the measurements issued from Department.

08-12-2020
(Contractor)

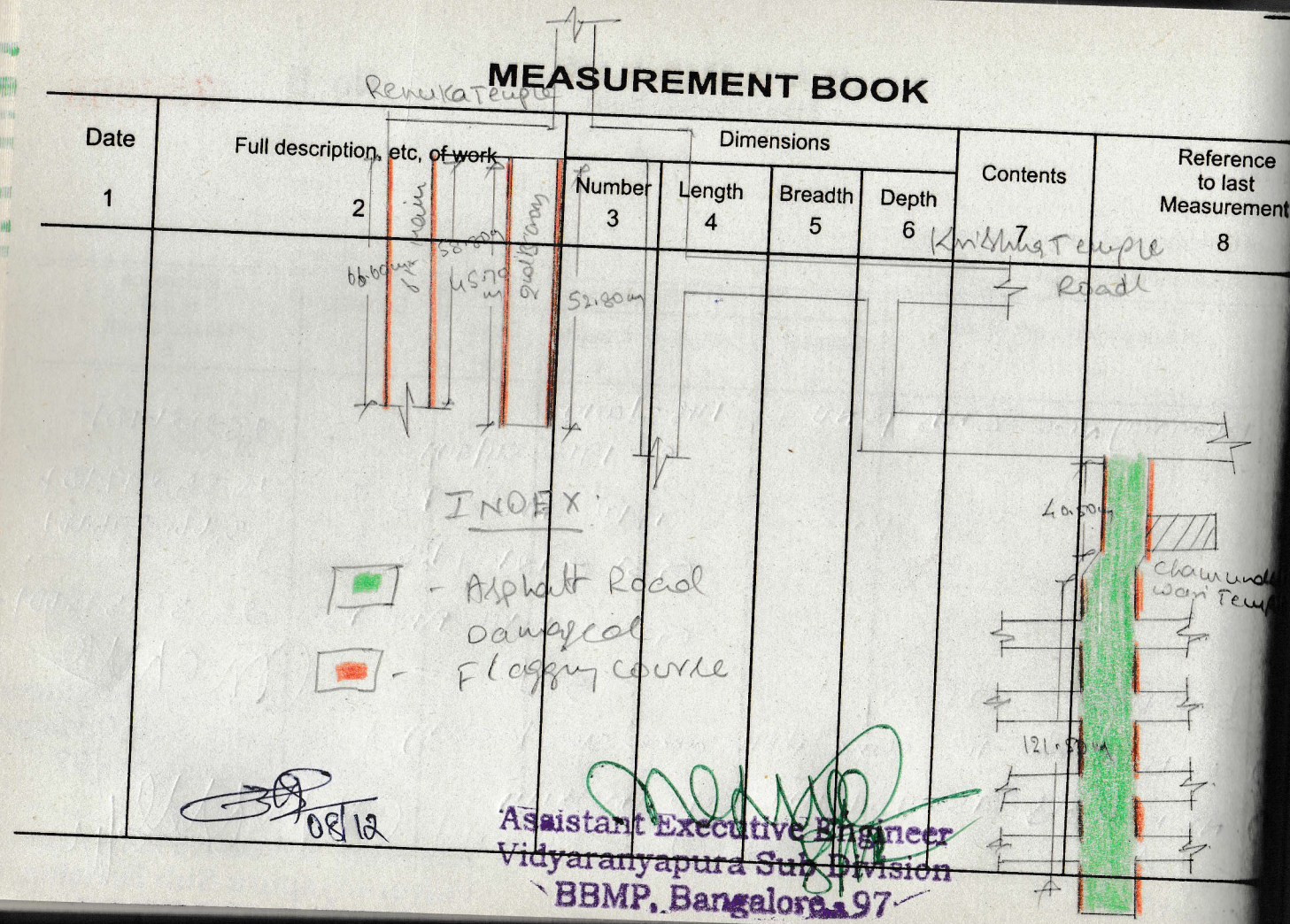
08-12-2020

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Assistant Executive Engineer
Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



08/12

Asaistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97